

JUL 11 2003

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Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Atty. Docket No.: 63049.000037	Application No.: 10/046,244				
INFORMATION DISCLOSURE STATEMENT							
(Use several sheets if necessary)		Applicant: Ronald D. Blum et al.					
		Filing Date: January 6, 2002	Group: 2873				
U.S. PATENT DOCUMENTS							
Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
JP	1	Re. 35,691	12/16/97	Theirl et al.	359	609	—
JP	2	D 298,250	10/25/88	Kildall	014	450	—
JP	3	D 342,063	12/7/93	Howitt et al.	014	450	—
JP	4	D 350,342	9/6/94	Sack	014	450	—
JP	5	2,437,642	3/9/48	Henroteau	351	41	—
JP	6	2,576,581	11/27/51	Edwards	351	41	TC 800
JP	7	3,161,718	12/15/64	de Luca	359	666	—
JP	8	3,245,315	4/12/66	Marks et al.	359	254	—
JP	9	3,614,215	10/19/71	Mackla	351	41	MAIL ROOM
JP	10	3,738,734	6/12/73	Tait et al.	359	665	—
JP	11	4,174,156	11/13/79	Glorieux	351	168	—
JP	12	4,181,408	1/1/80	Senders	351	159	—
JP	13	4,190,330	2/26/80	Berreman	349	200	—
Examiner:		Date Considered:		10/5/04			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Previously cited in 6/14/2002 IDS							

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jj	14	4,264,154	4/28/81	Petersen	351	49	—
jj	15	4,279,474	7/21/81	Belgorod	349	13	—
jj	16	4,300,818	11/17/81	Schachar	351	210	—
jj	17	4,373,218	2/15/83	Schachar	623	613	—
jj	18	4,395,736	7/26/83	Fraleux	348	303	—
jj	19	4,418,990	12/6/83	Gerber	351	41	—
jj	20	4,457,585	7/3/84	DuCorday	359	441	—
jj	21	4,466,706	8/21/84	Lamothe, II	359	666	—
jj	22	4,529,268	7/16/85	Brown	359	601	—
jj	23	4,564,267	1/14/86	Nishimoto	359	483	MAIL ROOM
jj	24	4,572,616	2/25/86	Kowal et al.	349	200	—
jj	25	4,577,928	3/29/86	Brown	359	497	—
jj	26	4,601,545	7/22/86	Kern*	349	200	—
jj	27	4,609,824	9/2/86	Munier et al.	348	164	—
jj	28	4,712,870	12/15/87	Robinson et al.	359	783	—
jj	29	4,756,605	7/12/88	Okada et al.	349	13	—
Examiner:			Date Considered: <i>jj</i> 10/15/04				
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30		4,772,094	9/20/88	Sheiman	359	4600	—
31		4,795,248	1/3/89	Okada et al.	351	158	—
32		4,818,095	4/4/89	Takeuchi	351	159	—
33		4,836,652	6/6/89	Oishi et al.	349	95	—
34		4,880,300	11/14/89	Payner et al.	359	862	—
35		4,904,063	2/27/90	Okada et al.	349	700	—
36		4,907,860	3/13/90	Noble	349	15	—
37		4,919,520	4/24/90	Okada et al.	349	13	—
38		4,927,241	5/22/90	Kuijk	349	193	—
39		4,929,865	5/29/90	Blum	313	478	—
40		4,930,884	6/5/90	Tichenor et al.	359	863	—
41		4,945,242	7/31/90	Berger et al.	250	367	—
42		4,952,788	8/28/90	Berger et al.	250	208,1	—
43		4,958,907	9/25/90	Davis	359	909	—
Examiner: <i>Loeser A</i>			Date Considered: 10/5/04				
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
JP	44	4,961,639	10/9/90	Lazarus	351	41	—
JP	45	4,968,127	11/6/90	Russell et al.	351	44	—
JP	46	4,981,342	1/1/91	Fiala	359	494	—
JP	47	4,991,951	2/12/91	Mizuno et al.	351	41	—
JP	48	5,015,086	5/14/91	Okabe et al.	351	44	—
JP	49	5,030,882	7/9/91	Soltero	313	478	—
JP	50	5,066,301	11/19/91	Wiley	623	6.13	—
JP	51	5,073,021	12/17/91	Marron	351	168	—
JP	52	5,076,665	12/31/91	Petersen	359	809	—
JP	53	5,091,801	2/25/92	Ebstein	359	1645	—
JP	54	5,108,169	4/28/92	Mandell	351	161	—
JP	55	5,130,856	7/14/92	Tichenor et al.	359	857	—
JP	56	5,142,411	8/25/92	Fiala	359	494	—
JP	57	5,171,266	12/15/92	Wiley et al.	623	6.22	—
JP	58	5,182,585	1/26/93	Stoner	351	41	—

Examiner:

Ronald D. Blum

Date Considered:

10/5/04

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Filing Date: January 6, 2002 Group: 2873

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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
R	59	5,184,156	2/2/93	Black et al.	351	158	—
J	60	5,200,859	4/6/93	Payner et al.	359	857	—
J	61	5,208,688	5/4/93	Ferguson et al.	349	14	—
J	62	5,229,885	7/20/93	Quaglia	359	665	—
J	63	5,239,412	8/24/93	Naka et al.	359	619	—
J	64	5,306,926	4/26/94	Yonemoto	257	432	—
J	65	5,324,930	6/28/94	Jech, Jr.	250	216	—
J	66	5,352,886	10/4/94	Kane	250	216	—
J	67	5,359,444	10/25/94	Piosenka et al.*	349	13	—
J	68	5,375,006	12/20/94	Haas	349	120	—
J	69	5,382,986	1/17/95	Black et al.*	351	158	—
J	70	5,440,357	8/8/95	Quaglia	351	158	—
J	71	5,443,506	8/22/95	Garabet	673	613	—
J	72	5,451,766	9/19/95	Van Berkel	250	208.1	—
J	73	5,488,439	1/30/96	Weltmann*	351	58	—

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Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
P	74	5,522,323	6/4/96	Richard	10B	10	
P	75	5,608,567	3/4/97	Grupp	351	275	
P	76	5,615,588	4/1/97	Gonschold*	82	11	
P	77	5,654,786	8/5/97	Bylander	351	49	
P	78	5,712,721	1/27/98	Large	359	245	
P	79	5,728,155	3/17/98	Anello et al.	623	6,47	
P	80	5,739,959	4/14/98	Quaglia	359	666	
P	81	5,777,719	7/7/98	Williams et al.	351	212	
P	82	5,815,233	9/29/98	Morokawa et al.	349	200	
P	83	5,861,936	1/19/99	Sorenson	351	200	
P	84	5,900,720	5/4/99	Kallman et al.	320	167	
P	85	5,949,521	9/7/99	Williams et al.	351	246	
P	86	5,980,037	11/9/99	Conway	351	49	

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		Document Number	Date	Country	Class	Subclass	Translation Yes No
P	1	WO 98/27863	7/2/98	WIPO	—	—	X
P	2	0 154 962 A2	9/18/85	EPO	—	—	X

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		Document Number	Date	Country	Class	Subclass	Translation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	3	0 233 104 A1	8/19/87	EPO	—	—	X (Abstract)
	4	0 237 365 A1	9/16/87	EPO	—	—	X (Abstract)
	5	1-237610	9/22/89	Japan	—	—	X (Abstract)
	6	2169417A	7/09/86	UK	—	—	X
	7	2170613A	8/6/86	UK	—	—	X
	8	ROC 89113088		China	—	—	X
	9	55-076323	6/9/80	Japan	—	✓	X (Abstract)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	"Focusing by Electrical Modulation of Refraction in a Liquid Crystal Cell"; Stephen T. Kowal et al., <i>Applied Optics</i> , Vol. 23, No. 2, January 15, 1984, pp. 278-289
	2	"Computer Vision Syndrome - The Eyestrain Epidemic"; Robert A. Davis, O.D., <i>Review of Optometry</i> , September 15, 1997, pp. 80-88
	3	"The Use of Yoked Base-Up and Base-In Prism for Reducing Eye Strain at the Computer"; Stuart M. Lazarus, O.D., <i>Journal of the American Optometric Association</i> , April 1996, pp. 204-208
	4	<i>Eyecare Business</i> , October 1997 (entire issue)
	5	"Vision Through a Liquid-Crystal Spatial Light Modulator"; Larry N. Thibos et al., <i>Inpress</i> , Adaptive Optics Conference, Durham, United Kingdom, 1999
	6	"Requirements for Segmented Spatial Light Modulators for Diffraction-Limited Imaging Through Aberrated Eyes"; Larry N. Thibos et al., <i>Inpress</i> , Adaptive Optics Conference, Durham, United Kingdom, 1999
	7	"Use of Liquid-Crystal Adaptive-Optics to Alter the Refractive State of the Eye"; Larry N. Thibos et al., <i>Optometry and Vision Science</i> , Vol. 74, No. 7, July 1997
	8	"Electronic Spectacles for the 21 st Century"; Profile: Larry N. Thibos, Ph.D. and Donald Miller, Ph.D., <i>Indiana Journal of Optometry</i> , Vol. 2, No. 1, pp. 5-10, 1999

Examiner:

Jessica *AS*

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